



Dutch International Cooperation Urbanising Deltas of the World

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Deltas in Times of CC – UDW



Urbanising delta's

Strengths

- Bustling cities, growth, jobs
- Magnets for rural migrants
- **Poles of innovation**

Challenges

- Urban sprawl – **governance**
- Underinvestment (infra / services)
- Rising inequality
- Transformation of urban surroundings
- **Creeping** problems: pollution, subsidence, salinity, erosion
- **Shocks**: floods, spills, epidemics, etc.

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Why Dutch focus on delta cooperation?

- Pioneers at land/sea interface since 11th century
- We have adapted to living below sea level since 1600s
- Other nations may have to adapt within decades
- Safe deltas – priority theme in Dutch Aid-Trade Agenda
- Feedback loops: hotspot -> innovation -> learning

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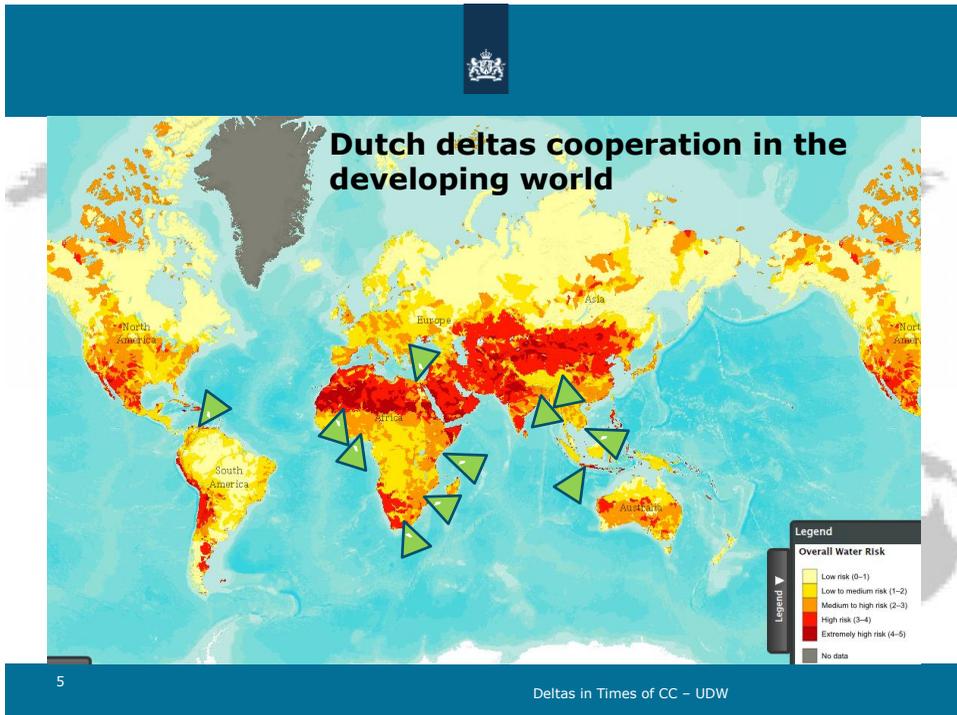


Enhancing resilience



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Dutch deltas cooperation in the developing world

Partner delta countries	Focus transboundary river basins
<ul style="list-style-type: none"> • Bangladesh: Ganges-Brahmaputra-Meghna • Benin: Ouémé, Mono • Egypt: Nile • Ghana: Volta • Indonesia: Ciliwung • Kenia: Tana • Mali: Niger • Mozambique: Incomati, Zambezi • Vietnam: Mekong • Colombia • Myanmar: Ayeyarwadi • South Africa 	<ul style="list-style-type: none"> • Brahmaputra • Mekong • West Bank • Nile • Zambezi • Incomati • Senegal

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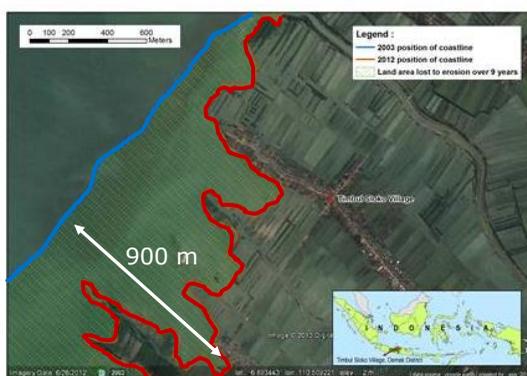


Current Dutch engagement in urbanising deltas

- Different scales (Beira City, Mekong Delta, Bangladesh)
- Variety of challenges (shocks, creep, governance)
- Vulnerability to impacts of CC
- Diversity in solutions (technology, governance, planning, etc.)
- Diversity of partners

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Estimated land loss of 200-900 meters between 2003 (blue line) and 2012 (orange line) due to erosion in Demak District, Central Java, Indonesia. Google Earth image.

Water safety, building with nature

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Water-food climate adaptation
Rice-shrimp farming Mekong delta

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Urban services, Water safety, Governance



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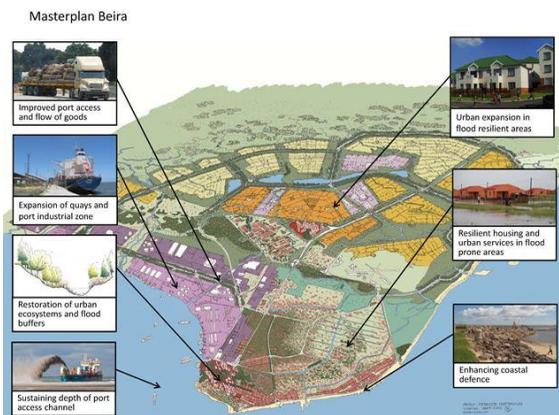
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Urban planning, water safety, inclusive development



Urban planning, water safety, inclusive development





Second call UDW

- Engage science community and private sector
- Open to adjusting specs to accommodate private co-financing
- Iterative process: you can influence certain call parameters